



IN **UNITED STATES PATENT AND TRADEMARK OFFICE**  
(RA001C11)

Application of:

**FARMWALD ET AL.**

Serial No: **09/669,295**

Filed: **SEPTEMBER 25, 2000**

Title: **METHOD OF OPERATION OF A MEMORY  
CONTROLLER**

Art Unit: **2181**

Examiner: **G. Auve**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

With respect to the above-identified application, transmitted herewith is an **AMENDMENT INFORMATION DISCLOSURE STATEMENT**.

The fee has been calculated as shown below:

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid For	Extra	Rate	
				Large Entity	Small Entity
Number of Claims In Excess of 20	40	26	14	\$ 18.00	\$ 9.00
Independent Claims In Excess of 3	3	3	0	\$ 80.00	\$ 40.00
First Presentation of Multiple Dependent Claims				250.00	125.00
Submission of Information Disclosure Statement under 37 CFR §1.97(c)					
TOTAL FEE DUE:					

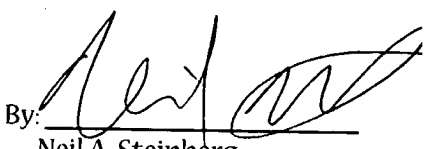
☒ Please charge my Deposit Account No. 50-0998 in the amount of \$432.00 to cover the above fees. A copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or overpayment to Deposit Account No. 50-0998. A duplicate copy of this sheet is enclosed.

April 20, 2001

RECEIVED  
MAY 1 - 2001  
Technology Center 2100

Respectfully submitted,

By:   
Neil A. Steinberg  
Registration No. 34,735  
650-947-5325



Ms. Michiko Sites  
RAMBUS INC.  
4440 El Camino Real  
Los Altos, CA 94022

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(RA001C11)**

**APPLICANT: FARMWALD ET AL.      FILED: SEPTEMBER 25, 2000**

**SERIAL NO.: 09/669,295**

**TITLE: METHOD OF OPERATION OF A MEMORY CONTROLLER**

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**RECEIPT OF THE FOLLOWING PAPERS IS ACKNOWLEDGED**

1. Transmittal (1 page + 1 copy thereof)
2. Amendment (22 pages + 16 page attachments)
3. Information Disclosure Statement (2 pages + PTO1449  
+ documents cited in IDS)

**DATE: April 23, 2001**

**ATTY: NAS**

**[Check No. N/A]**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Case No. P001C11)

In the Application of:

FARMWALD, ET AL.

**Serial No.:** 09/669,295

**Filed:** SEPTEMBER 25, 2000

**Title:** METHOD OF OPERATION OF A  
MEMORY CONTROLLER

Assistant Commissioner for Patents  
Washington, DC 20231

**Certificate of Mailing Under 37 CFR 1.8**

I hereby certify that the attached **1)** Transmittal (1 page + 1 copy thereof);  
**2)** Amendment (22 pages + 16 page attachments); **3)** Information Disclosure Statement  
(2 pages and + 1 page PTO-1449 + references cited therein) is/are being deposited with  
the United States Postal Service with sufficient postage as first class U.S. mail in an  
envelope addressed to:

Assistant Commissioner for Patents  
Washington, D.C. 20231

On April 23, 2001.

  
(Signature)

Michiko Sites

(Print Name of Person Signing Certificate)

#8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. RA001C11)

In the Application of:

FARMWALD ET AL.

Serial No: 09/669,295

Filed: September 25, 2000

Title: METHOD OF OPERATION OF A MEMORY  
CONTROLLER

)  
) Group  
) Art Unit: 2181  
)  
) Before  
) Examiner: G. Auve'  
)  
)  
)

Assistant Commissioner for Patents  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty of disclosure set forth in 37 C.F.R. §1.56, submitted herewith is a modified Form PTO-1449, including a copy of all of the documents listed therein. In accordance with 37 C.F.R. §1.97(c)(2), authorization to charge Applicant's Deposit Account No. 50-0998 for the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) accompanies this statement.

Some of the documents listed in the PTO-1449 have been cited by a defendant in an action pending in U.S. District Court For Eastern District of Virginia case, namely in Rambus Inc. v. Infineon Technologies A.G., et al., as prior art against the inventions claimed in, among other patents, U.S. 6,032,214. The '214 patent is a grandparent of the instant application. Explicit reference to these documents is made on pages 2-4 of the Defendants' AMENDED PRIOR ART NOTICE PURSUANT TO 35 U.S.C. §282 (hereinafter "PRIOR ART NOTICE"). A copy of the PRIOR ART NOTICE is enclosed herewith.

Furthermore, the construction or interpretation of a number of terms have recently been considered in a *Markman* opinion issued in the

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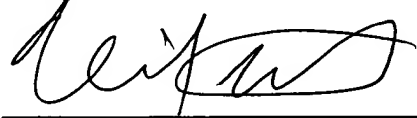
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above-mentioned litigation. A number of claims pending in the instant application incorporate or incorporated some of these terms including, for example, the terms "block size", "read request", "write request", and "bus". The terms "read request" and "write request" are no longer found in the pending claims (as amended). The term "bus" has been deleted from some of the pending claims (as amended). A discussion of "block size" may be found on pages 41-47 of the *Markman* opinion, and a discussion of "bus" may be found on pages 17-41 of the *Markman* opinion. By submission of this *Markman* opinion, Applicants make no statement as to the correctness of the constructions set forth therein. Indeed, as is apparent from that opinion, the court substantially adopted the constructions proposed by Infineon, and not that construction proposed by Rambus. A copy of the *Markman* opinion is also enclosed herewith.

It is respectfully requested that the Examiner make his consideration formally of record with the next Office Action.

Date: April 20, 2001

Respectfully submitted,



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Neil A. Steinberg  
Reg. No. 34,735  
650-947-5325